

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

SDS # : F-60062

Liquid Ink - Magenta

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Revision Number 4

European Version Only
Restricted to professional users

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product Name Liquid Ink for Xerox® IJP900 Inkjet Press
Part no. 008R13354, 008R08168
Other means of identification

Unique Formula Identifier (UFI) JA20-801P-E00X-JN34

Pure substance/mixture Mixture

Colour Magenta

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Ink jet printing For professional use only

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet**Supplier**

Xerox Europe Limited Technology Park Road Louth

For further information, please contact

Contact Point Manager, Environment, Health, Safety & Sustainability

E-mail address ehs-europe@xerox.com

Non-Emergency Telephone Number +353 429387410

For the most current document <https://safetysheets.business.xerox.com>

1.4. Emergency telephone number

Emergency Telephone +44 1235 239670

Emergency Telephone - §45 - (EC)1272/2008

Europe 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye irritation	Category 2
Skin sensitisation	Category 1A
Reproductive toxicity	Category 1B

2.2. Label elements**Signal word**

Danger

Hazard statements

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H360 - May damage fertility or the unborn child.

Precautionary Statements - EU (§28, 1272/2008)

P264 - Wash hands thoroughly after handling.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P405 - Store locked up.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P363 - Wash contaminated clothing before reuse.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

2.3. Other hazards**Other hazards**

Contains biocide(s).

PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Special Note

Contains a chemical that can cause an allergic reaction in susceptible people

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Water	30-40	7732-18-5	231-791-2	--	--
3-Methyl-1,5-pentanediol	15-25	4457-71-0	Listed	Eye Irrit. 2 (H319)	--
Triethylene glycol, monobutyl ether	5-15	143-22-6	205-592-6	Eye Dam. 1 (C ≥ 30 %) (H318) Eye Irrit. 2 (20 % ≤ C < 30 %) (H319)	--
Magenta pigment	1-10	Proprietary	Listed	--	01-2119456804-33-0008
2-Pyrrolidone	<4	616-45-5	210-483-1	Eye Irrit 2 (C ≥ 10 %) (H319) Repro Tox 1B (C ≥ 3 %) (H360)	--
Glycerin	1-3	56-81-5	200-289-5	--	--
Acrylate - based copolymer	1-2	Proprietary	--	--	--
1,2-Benzisothiazolin-3-one	<0.036	2634-33-5	220-120-9	Acute Tox. 2/inhal.(ATE = 0.21 mg/L, dusts or mists) (H330) Acute Tox. 4/oral (ATE = 450 mg/kg bw) (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (C ≥ 0.036 %) (H317) Aquatic Acute 1 (M = 1) (H400) Aquatic Chronic 1 (M = 1) (H410)	--
2-methyl-2H-isothiazol-3-one	<0.01	2682-20-4	220-239-6	Acute Tox. 3 (oral) (H301) Acute Tox. 3 (dermal) (H311) Acute Tox. 2 (inhalation) (H330) Skin corr. 1B (H314) Eye Dam. 1 (H318) Skin sens. 1A (C ≥ 0.0015 %) (H317) Aquatic Acute 1 (M=10) (H400) Aquatic Chronic 1 (M=1) (H410)	--

Note

Full text of H- statements: see section 16

"--" indicates no classification or hazard statements apply.

Components marked as "Not Listed" are exempt from registration.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATE_{mix}) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Water	89838.9	No data available	No data available	No data available	No data available
Triethylene glycol, monobutyl ether	5300	3540	No data available	No data available	No data available
Magenta pigment	23000	3000	No data available	No data available	No data available
2-Pyrrolidone	328	2000	No data available	No data available	No data available
Glycerin	27200	10000	5.85	No data available	No data available
1,2-Benzisothiazolin-3-one	450 + 1020	2000	0.21 +	No data available	No data available
2-methyl-2H-isothiazol-3-one	232 120	200	No data available	No data available	No data available

+ This value is the harmonised acute toxicity estimate (ATE) listed in CLP Annex VI, Part 3. This harmonised ATE value must be used when calculating the acute toxicity estimate (ATE_{mix}) for classifying a mixture containing the listed substance

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59).

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	For external use only. Get medical attention immediately if symptoms occur. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation develops and persists.
Ingestion	Clean mouth with water. If possible drink milk afterwards. Consult a doctor if necessary. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	Prolonged contact may cause redness and irritation.
Effects of Exposure	No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Use water spray or fog; do not use straight streams.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Do not allow run-off from fire-fighting to enter drains or water courses.

Hazardous combustion products Thermal decomposition can lead to release of irritating gases and vapours.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters In case of fire: Wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Avoid contact with skin and eyes. Use personal protective equipment as required.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.
Do not allow into any sewer, on the ground or into any body of water

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Dyke to collect large liquid spills. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours or mists. Avoid contact with skin and eyes. Do not ingest. If swallowed then seek immediate medical assistance.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

Storage class (TRGS 510) LGK 6.1C.

7.3. Specific end use(s)

Specific use(s)
Ink jet printing.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Glycerin	-	-	TWA: 10 mg/m ³	-	TWA: 10 mg/m ³
2-methyl-2H-isothiazol-3-one	-	TWA: 0.05 mg/m ³ Sh+	-	-	-
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Glycerin	-	TWA: 10 mg/m ³ Ceiling: 15 mg/m ³	-	TWA: 10 mg/m ³	TWA: 20 mg/m ³
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Glycerin	TWA: 10 mg/m ³	TWA: 200 mg/m ³	TWA: 200 mg/m ³ Peak: 400 mg/m ³	TWA: 10 mg/m ³	-
1,2-Benzisothiazolin-3-one	-	-	skin sensitizer	-	-
2-methyl-2H-isothiazol-3-one	-	-	TWA: 0.2 mg/m ³ Peak: 0.4 mg/m ³ skin sensitizer	-	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Glycerin	-	-	-	-	TWA: 10 mg/m ³
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Glycerin	TWA: 10 mg/m ³	-	TWA: 10 mg/m ³	TWA: 200 mg/m ³ STEL: 400 mg/m ³	TWA: 10 mg/m ³
Chemical name	Sweden		Switzerland		United Kingdom
Glycerin	-		TWA: 50 mg/m ³ STEL: 100 mg/m ³		TWA: 10 mg/m ³ STEL: 30 mg/m ³
2-methyl-2H-isothiazol-3-one	-		TWA: 0.2 mg/m ³ STEL: 0.4 mg/m ³ S+		-

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
1,5-Pentanediol	-	10 mg/kg bw/day [4] [6]	35 mg/m ³ [4] [6]
3-Methyl-1,5-pentanediol	-	10 mg/kg bw/day [4] [6]	98.7 mg/m ³ [4] [6]
Magenta pigment	-	42 mg/kg bw/day [4] [6]	147 mg/m ³ [4] [6] 3 mg/m ³ [5] [6]
2-Pyrrolidone	-	4.2 mg/kg bw/day [4] [6]	29.62 mg/m ³ [4] [6]
1,2-Benzisothiazolin-3-one	-	0.966 mg/kg bw/day [4] [6]	6.81 mg/m ³ [4] [6]
2-methyl-2H-isothiazol-3-one	-	-	0.021 mg/m ³ [5] [6] 0.043 mg/m ³ [5] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
1,5-Pentanediol	5 mg/kg bw/day [4] [6]	-	8 mg/m ³ [4] [6]
3-Methyl-1,5-pentanediol	5 mg/kg bw/day [4] [6]	-	17.4 mg/m ³ [4] [6]
Magenta pigment	25 mg/kg bw/day [4] [6]	-	-
2-Pyrrolidone	0.67 mg/kg bw/day [4] [6]	-	1.985 mg/m ³ [4] [6]
1,2-Benzisothiazolin-3-one	-	-	1.2 mg/m ³ [4] [6]
2-methyl-2H-isothiazol-3-one	0.027 mg/kg bw/day [4] [6] 0.053 mg/kg bw/day [4] [7]	-	0.021 mg/m ³ [5] [6] 0.043 mg/m ³ [5] [7]

Notes

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
2-Pyrrolidone	0.5 mg/L	5 mg/L	0.05 mg/L	-	-
1,2-Benzisothiazolin-3-one	4.03 µg/L	1.1 µg/L	0.403 µg/L	110 ng/L	-
2-methyl-2H-isothiazol-3-one	3.39 µg/L	3.39 µg/L	3.39 µg/L	3.39 µg/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
1,5-Pentanediol	-	-	170.7 mg/L	-	-
2-Pyrrolidone	2.17 mg/kg sediment dw	0.217 mg/kg sediment dw	10 mg/L	0.14 mg/kg soil dw	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
1,2-Benzisothiazolin-3-one	49.9 µg/kg sediment dw	4.99 µg/kg sediment dw	1.03 mg/L	3 mg/kg soil dw	-
2-methyl-2H-isothiazol-3-one	-	-	0.23 mg/L	0.0471 mg/kg soil dw	-

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Thermal hazards None under normal processing.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Colour Magenta
Odour Slight.
Odour threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	Not applicable	None known
Initial boiling point and boiling range	Not applicable	None known
Flammability	Not flammable	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Flash point	> 100 °C	Cleveland Open Cup
Autoignition temperature	Not applicable	None known
Decomposition temperature	Not applicable	None known
pH	8 - 9	@ 25 °C
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	5 - 10	None known
Dynamic viscosity	Not applicable	None known
Water solubility	Miscible in water	None known

Solubility(ies)	No data available	None known
Partition coefficient	Not applicable	None known
Vapour pressure	Not applicable	None known
Relative density		None known
Bulk density	Not applicable	
Liquid Density	Not applicable	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

Softening point	Not determined
VOC content	No data available

9.2.1. Information with regards to physical hazard classes

Explosive properties	Not applicable
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9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	No dangerous reaction known under conditions of normal use.
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10.2. Chemical stability

Stability	Stable under normal conditions.
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Explosion data

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal processing.
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Hazardous polymerisation	Hazardous polymerisation does not occur.
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10.4. Conditions to avoid

Conditions to avoid	Extremes of temperature and direct sunlight.
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10.5. Incompatible materials

Incompatible materials	Alkali. Metals. Peroxides.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Undefined, but may include toxic oxides of carbon and nitrogen.
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SECTION 11: Toxicological information**Note:** The toxicity data noted below is based on the test results of similar reprographic materials.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Information on likely routes of exposure**

Inhalation	No known effects under normal use conditions.
Eye contact	Causes eye irritation.
Skin contact	Causes mild skin irritation.
Ingestion	Not an expected route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Prolonged contact may cause redness and irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity Based on available data, the classification criteria are not met.

Numerical measures of toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
Triethylene glycol, monobutyl ether	= 5300 mg/kg (Rat)	= 3540 mg/kg (Rabbit)	-
Magenta pigment	> 23 g/kg (Rat)	> 3000 mg/kg (Rabbit)	> 3.055 mg/L (Rat) 4 h
2-Pyrrolidone	6500 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 80 ppm (Rat) 8 h
Glycerin	= 27200 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 5.85 mg/L (Rat) 4 h
1,2-Benzisothiazolin-3-one	= 1020 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
2-methyl-2H-isothiazol-3-one	232 - 249 mg/kg (Rat) = 120 mg/kg (Rat)	= 200 mg/kg (Rabbit)	= 0.11 mg/L (Rat) 4 h

Skin corrosion/irritation Based on available data, the classification criteria are not met. Causes mild skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause sensitisation by skin contact.

Germ cell mutagenicity Not mutagenic in AMES Test.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Contains a known or suspected reproductive toxin.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties This mixture does not contain any substance that has endocrine disrupting properties with respect to humans.

11.2.2. Other information

Other adverse effects Although liquid ink is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Not considered to be harmful to aquatic life.

Do not allow into any sewer, on the ground or into any body of water

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
3-Methyl-1,5-pentanediol	-	LC50: >100mg/L (96h, <i>Oryzias latipes</i>)	-	-
Triethylene glycol, monobutyl ether	EC50: >500mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: =2400mg/L (96h, <i>Pimephales promelas</i>)	-	EC50: >500mg/L (48h, <i>Daphnia magna</i>)
2-Pyrrolidone	EC50: =250mg/L (72h, <i>Desmodesmus subspicatus</i>) EC50: =84mg/L (96h, <i>Desmodesmus subspicatus</i>)	LC50: 4600 - 10000mg/L (96h, <i>Brachydanio rerio</i>)	-	-
Glycerin	-	LC50: 51 - 57mL/L (96h, <i>Oncorhynchus mykiss</i>)	-	-

12.2. Persistence and degradability

Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation

Chemical name	Partition coefficient
3-Methyl-1,5-pentanediol	0.03
Triethylene glycol, monobutyl ether	0.51
Magenta pigment	2.2
2-Pyrrolidone	-0.71
Glycerin	-1.75
1,2-Benzisothiazolin-3-one	0.99
2-methyl-2H-isothiazol-3-one	-0.26

12.4. Mobility in soil**Mobility in soil**

The product is insoluble and floats on water.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
3-Methyl-1,5-pentanediol	Not PBT/vPvB
Triethylene glycol, monobutyl ether	Not PBT/vPvB
Magenta pigment	Not PBT/vPvB
2-Pyrrolidone	Not PBT/vPvB
Glycerin	Not PBT/vPvB
1,2-Benzisothiazolin-3-one	Not PBT/vPvB
2-methyl-2H-isothiazol-3-one	Not PBT/vPvB

12.6. Endocrine disrupting properties**Endocrine disrupting properties**

This mixture does not contain any substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**Other adverse effects**

No information available.

PMT or vPvM properties

The product does not contain any substance(s) classified as PMT or vPvM.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste from residues/unused products**

Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging

Dispose of contents/containers in accordance with local regulations.

Waste codes / waste designations according to EWC

08 03 12*.

Other information

Although liquid ink is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways. Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

IMDG

14.1 UN number or ID number	Not regulated
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14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADN

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Triethylene glycol, monobutyl ether	RG 84
1,2-Benzisothiazolin-3-one	RG 65, RG 66

Switzerland

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable

Storage of Hazardous Material SC 10/12

WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Class B

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents

at work.

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. Toners and inks are subject to the derogations referred to in Paragraphs 4a and/or 5 (a/b/c) of the Regulation.

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Biocidal Products Regulation (EU) No 528/2012 (BPR)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
1,2-Benzisothiazolin-3-one	Product-type 2: Disinfectants and algacides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives
2-methyl-2H-isothiazol-3-one	Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives Product-type 6: Preservatives for products during storage

International Inventories

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status
AIIC	Contact supplier for inventory compliance status
NZIoC	Contact supplier for inventory compliance status
TCSI	Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing Chemicals Inventory
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals

NZIoC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment**Chemical Safety Report**

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H301 - Toxic if swallowed
H302 - Harmful if swallowed
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H330 - Fatal if inhaled
H360 - May damage fertility or the unborn child
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
STOT: Specific Target Organ Toxicity
ATE: Acute Toxicity Estimate
LC50: 50% Lethal Concentration
LD50: 50% Lethal Dose

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitisers		

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	On basis of test data
Acute dermal toxicity	On basis of test data
Acute inhalation toxicity - gas	On basis of test data
Acute inhalation toxicity - vapour	On basis of test data
Acute inhalation toxicity - dust/mist	On basis of test data
Skin corrosion/irritation	On basis of test data
Serious eye damage/eye irritation	On basis of test data
Respiratory sensitisation	On basis of test data
Skin sensitisation	On basis of test data
Mutagenicity	Calculation method
Carcinogenicity	On basis of test data
Reproductive toxicity	On basis of test data
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method

Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
U.S. Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

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Revision Note SDS sections updated, 2

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

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End of Safety Data Sheet